

# Fact Sheet



## For Final Permitting Action Under 45CSR30 and Title V of the Clean Air Act

Permit Number: **R30-05300004-2007**

Application Received: **June 8, 2010**

Plant Identification Number: **053-00004**

Permittee: **Felman Production, Inc.**

Facility Name: **New Haven Plant**

Mailing Address: **Route 3 Box 127 Letart, WV 25253**

Permit Action Number: *AA01*; Revised: *July 21, 2010*

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Physical Location: New Haven, Mason County, West Virginia  
UTM Coordinates: 419.73 km Easting • 4312.468 km Northing • Zone 17  
Directions: Approximately 4 miles east of New Haven adjacent to US Route 33.

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### Facility Description

Felman Production, Inc. manufactures manganese and silicon based ferroalloys and is covered by Standard Industrial Classification (SIC) codes 3313 and 3341. The facility has the potential to operate seven (7) days per week, twenty-four (24) hours per day and fifty-two (52) weeks per year and consists of three electric submerged arc furnaces, associated sizing equipment and environmental controls.

The administrative amendment was requested to correct a typo in actual maximum throughput of Crushing and Screening Systems #1 and #2 (Emission Unit ID 009-01 and 009-02) from 20 tons per hour to 33 tons per hour. The typo was discovered under new management of the company.

### Emissions Summary

As the result of this modification, the facility PTE is adjusted to represent true operation as follows:

Regulated Pollutants	PTE changes, TPY
Particulate Matter (PM <sub>10</sub> )	+ 6.99
Total Particulate Matter (TSP)	+ 14.78

## Title V Program Applicability Basis

With the proposed changes associated with this minor modification, this facility maintains the potential to emit over 100 tons per year of criteria pollutant, over 10 tons per year of a single HAP, and over 25 tons per year of aggregate HAPs, Felman Production, Inc. is required to have an operating permit pursuant to Title V of the Federal Clean Air Act as amended and 45CSR30.

## Legal and Factual Basis for Permit Conditions

The State and Federally-enforceable conditions of the Title V Operating Permits are based upon the requirements of the State of West Virginia Operating Permit Rule 45CSR30 for the purposes of Title V of the Federal Clean Air Act and the underlying applicable requirements in other state and federal rules.

The modification to this facility has been found to be subject to the following applicable rules.

Federal and State:	45CSR30	Operating permit requirement.
State Only:	Not applicable	

Each State and Federally-enforceable condition of the draft Title V Operating Permit references the specific relevant requirements of 45CSR30 or the applicable requirement upon which it is based. Any condition of the draft Title V permit that is enforceable by the State but is not Federally-enforceable is identified in the draft Title V permit as such.

The Secretary's authority to request any pertinent information such as annual emission inventory reporting is provided in WV Code § 22-5-4(a)(14). The Secretary's authority to require standards under 40 CFR Part 60 (NSPS), 40 CFR Part 61 (NESHAPs), and 40 CFR Part 63 (NESHAPs MACT) is provided in West Virginia Code §§ 22-5-1 *et seq.*, 45CSR16, 45CSR34 and 45CSR30.

## Active Permits/Consent Orders (associated with this significant modification only)

Permit or Consent Order Number	Date of Issuance	Permit Determinations or Amendments That Affect the Permit ( <i>if any</i> )
none		

## Determinations and Justifications

1) **45CSR7** - The Crushing Systems #1 and #2 are still exempt from the PM weight based limit in 45CSR§7-4.1. in accordance with 45CSR§7-4.7.a (since the Systems #1 and #2 Baghouses have 99% efficiency).

Process weight rate: 33 tons/hr x 2000 lbs/ton = 66,000 lbs/hr < 250,000 lbs/hr.

2) **40 CFR Part 63, Subpart XXX** - Crushing and Screening Systems #1 and #2 are subject to the PM emission limits established in 40 CFR §63.1652(b). This limit doesn't depend on the equipment actual maximum throughput, and is not going to change with the capacity correction.

## Non-Applicability Determinations

None.

## Request for Variances or Alternatives

None.

### **Insignificant Activities**

Insignificant emission unit(s) and activities are identified in the Title V application.

### **Comment Period**

Beginning Date: Not Applicable for administrative amendments

Ending Date: N/A

All written comments should be addressed to the following individual and office:

Natalya Chertkovsky  
Title V Program Manager  
West Virginia Department of Environmental Protection  
Division of Air Quality  
601 57th Street SE  
Charleston, WV 25304

### **Procedure for Requesting Public Hearing**

During the public comment period, any interested person may submit written comments on the draft permit and may request a public hearing, if no public hearing has already been scheduled. A request for public hearing shall be in writing and shall state the nature of the issues proposed to be raised in the hearing. The Secretary shall grant such a request for a hearing if he/she concludes that a public hearing is appropriate. Any public hearing shall be held in the general area in which the facility is located.

### **Point of Contact**

Natalya Chertkovsky  
West Virginia Department of Environmental Protection  
Division of Air Quality  
601 57th Street SE  
Charleston, WV 25304  
Phone: 304/926-0499 ext. 1220 • Fax: 304/926-0478

### **Response to Comments**

N/A